

UMBRELLA WITH COOLING MISTING SCREEN

ABSTRACT OF THE DISCLOSURE

An umbrella incorporates a misting system to provide a curtain of mist outside a user placement area within a perimeter defined by the umbrella, assuming substantially windless conditions. Misting nozzles project the curtain of mist downward and slightly radially outward relative to a central axis of the umbrella. The curtain of mist reduces heat transfer to the area covered by the umbrella from the ambient environment outside that area, thereby providing a cooling effect without causing persons sitting under the umbrella to become wet. The misting system employs flexible tubing and can be easily and compactly stored, brought out of storage for a social occasion and placed on a patio table, and then removed following the occasion for compact storage.